

# PSD-93 Polyclonal Antibody

Catalog # AP72061

## Product Information

Application	WB, IHC-P
Primary Accession	<a href="#">Q15700</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97552

## Additional Information

Gene ID	1740
Other Names	DLG2; Disks large homolog 2; Channel-associated protein of synapse-110; Chapsyn-110; Postsynaptic density protein PSD-93
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## Protein Information

Name	DLG2
Function	Required for perception of chronic pain through NMDA receptor signaling. Regulates surface expression of NMDA receptors in dorsal horn neurons of the spinal cord. Interacts with the cytoplasmic tail of NMDA receptor subunits as well as inward rectifying potassium channels. Involved in regulation of synaptic stability at cholinergic synapses. Part of the postsynaptic protein scaffold of excitatory synapses (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q63622}; Lipid-anchor {ECO:0000250 UniProtKB:Q63622}. Postsynaptic density {ECO:0000250 UniProtKB:Q63622}. Synapse. Membrane {ECO:0000250 UniProtKB:Q63622}. Cell projection, axon {ECO:0000250 UniProtKB:Q63622}. Perikaryon {ECO:0000250 UniProtKB:Q63622}. Note=Concentrated in soma and postsynaptic density of a subset of neurons {ECO:0000250 UniProtKB:Q63622}

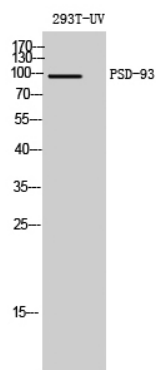
## Background

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## Images

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Western Blot analysis of 293T-UV cells using PSD-93  
Polyclonal Antibody diluted at 1 : 1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.